

CD141 (PN0624) Nb-FC recombinant antibody

CatalogNo: YA0168 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA,FC

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)**Formulation** Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Purification** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Clone Number** PN0624

Immunogen Information

Immunogen Purified recombinant Human CD141**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD141 protein.

Target Information

Gene name THBD THRM

Protein Name Thrombomodulin (TM) (Fetomodulin) (CD antigen CD141)

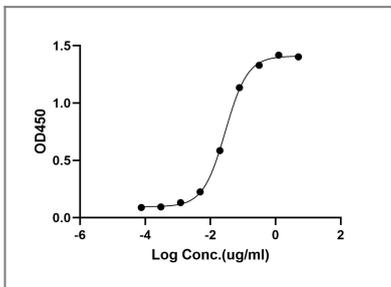
Organism	Gene ID	UniProt ID
Human	914;	P07204;

Cellular Localization Membrane; Single-pass type I membrane protein.

Tissue specificity Expressed in natural killer cells (at protein level).

Function Disease:Defects in THBD are the cause of thrombophilia due to thrombomodulin defect (THR-THBDD) [MIM:188040]. THR-THBDD is a hemostatic disorder characterized by a tendency to thrombosis.,Thrombomodulin is a specific endothelial cell receptor that forms a 1:1 stoichiometric complex with thrombin. This complex is responsible for the conversion of protein C to the activated protein C (protein Ca). Once evolved, protein Ca scissions the activated cofactors of the coagulation mechanism, factor Va and factor VIIIa, and thereby reduces the amount of thrombin generated.,online information:Thrombomodulin,online information:Thrombomodulin entry,PTM:N-glycosylated.,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 6 EGF-like domains.,tissue specificity:Endothelial cells are unique in synthesizing thrombomodulin.,

Validation Data



Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
CD141 (PN0624) Nb-FC recombinant antibody